



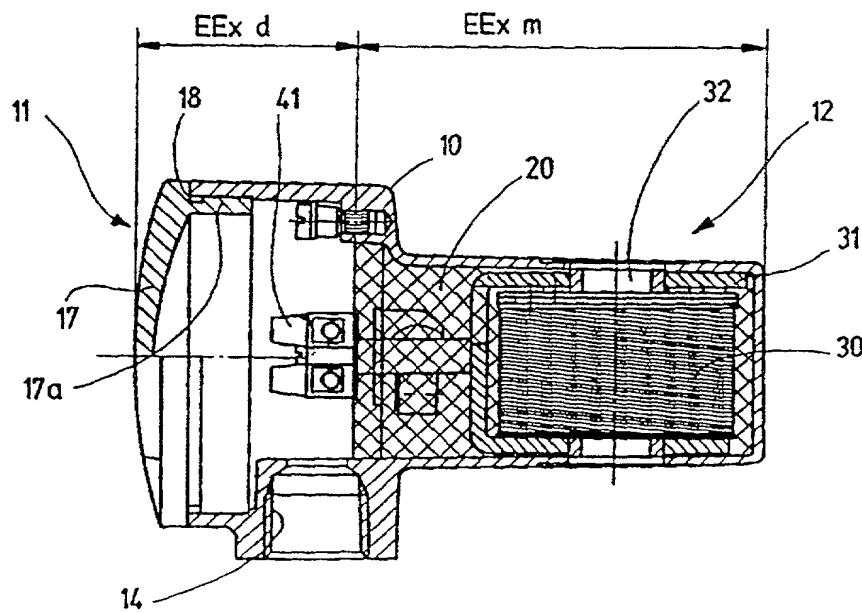
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(54) Title: VALVE MAGNET

(54) Bezeichnung: VENTILMAGNET

(57) Abstract

A valve magnet comprising a coil and an iron core that are arranged in a housing which can be used in a potentially explosive environment. The invention is characterized in that the coil and core are embedded in a sealing compound that is introduced into one part of the housing, whereby said compound prevents an explosive atmosphere from coming into contact with live parts and is also used for fixing and electrical insulation purposes (encapsulation). The connecting elements of the coil are arranged in a part of the housing that is pressure-resistant in the case of an explosion and which prevents the explosion from being passed onto the surrounding area (pressure-proof encapsulation).



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